

#### 5137 S LAKELAND DR, SUITE 3 LAKELAND, FL 33813 FIRM REGISTRATION NUMBER - 34343

### Cost Estimate for Water and Sewer utilities

Project: Millstone

Line	# Item Description	Estimated Quantity Unit	Unit Price	Total Price
	Sewer			
1046	SS PVC (SDR-26) 08" 06-08'	864.00 LF	\$38.54	\$33,298.5
1047	SS PVC (SDR-26) 08" 08-10'	651.00 LF	\$39.81	\$25,916.3
1048	SS PVC (SDR-26) 08" 10-12'	1,963.00 LF	\$43.04	\$84,487.5
1049	SS PVC (SDR-26) 08" 12-14'	355.00 LF	\$44.79	\$15,900.4
1050	SS PVC (C-900) 08" 14-16' 'To Lift Stations	57.00 LF	\$61.45	\$3,502.6
1051	SS Manhole 4' Dia 00-06' (include capsulation)	3.00 EACH	\$5,568.94	\$16,706.8
1052	SS Manhole 4' Dia 06-08' (include capsulation)	5.00 EACH	\$6,122.99	\$30,614.9
1053	SS Manhole 4' Dia 08-10' (include capsulation)	5.00 EACH	\$7,171.25	\$35,856.2
.054	SS Manhole 4' Dia 10-12' (include capsulation)	7.00 EACH	\$8,292.05	\$58,044.3
.055	SS King Manhole 5' Dia 08-10' (include capsulation)	1.00 EACH	\$14,808.13	\$14,808.1
1056	SS King Manhole 5' Dia 12-14' (include capsulation)	1.00 EACH	\$17,694.39	\$17,694.3
.057	Sewer Services Single (8"x6")	32.00 EACH	\$1,025.95	\$32,830.4
.058	Sewer Services Double (8"x6")	59.00 EACH	\$1,697.35	\$100,143.6
1059	Liftstation W/ Liner 72" DIA. 22-24' - LS 1	1.00 EACH	\$552,039.19	\$552,039.19
060	Liftstation W/ Liner 72" DIA. 14-16' - LS 2	1.00 EACH	\$532,903.57	\$532,903.57
.061	FM PVC Pipe 04"	1,856.00 LF	\$18.64	\$34,595.84
062	FM Fittings 04"	1.00 LS	\$18,345.31	\$18,345.3
063	Dewater Sewer Gravity Pipe	3,890.00 LF	\$15.94	\$62,006.60
064	TV Inspection Sewer/Vaccum testing sewer and Manhole	3,890.00 LF	\$5.73	\$22,289.70
065	Infiltration / Exfiltration Testing	3,890.00 LF	\$2.41	\$9,374.90
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		Total Price for above Sewer Ite	ms:	\$1,701,359.54
		Total Price for above Sewer Ite	ms:	\$1,701,359.54
	Water			
066	<b>Water</b> PW PVC (DR-18) 04"	877.00 LF	<b>s</b> 17.04	
				\$14,944.08
067	PW PVC (DR-18) 04"	877.00 LF	\$17.04	\$14,944.08 \$140,651.10
067 068	PW PVC (DR-18) 04" PW PVC (DR-18) 08"	877.00 LF 3,390.00 LF	\$17.04 \$41.49	\$14,944.08 \$140,651.10 \$5,172.20
067 068 069	PW PVC (DR-18) 04" PW PVC (DR-18) 08"  Potable Water Gate Valves 04"	877.00 LF 3,390.00 LF 4.00 EACH	\$17.04 \$41.49 \$1,293.05	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76
067 068 069 070	PW PVC (DR-18) 04"  PW PVC (DR-18) 08"  Potable Water Gate Valves 04"  Potable Water Gate Valves 08"  Potable Water Fittings 04"	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80
067 068 069 070	PW PVC (DR-18) 04" PW PVC (DR-18) 08"  Potable Water Gate Valves 04" Potable Water Gate Valves 08"  Potable Water Fittings 04"  Potable Water Fittings 08"	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16
067 068 069 070 071	PW PVC (DR-18) 04"  PW PVC (DR-18) 08"  Potable Water Gate Valves 04"  Potable Water Gate Valves 08"  Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90
067 068 069 070 071 072	PW PVC (DR-18) 04"  PW PVC (DR-18) 08"  Potable Water Gate Valves 04"  Potable Water Gate Valves 08"  Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00
067 068 069 070 071 072 073	PW PVC (DR-18) 04"  PW PVC (DR-18) 08"  Potable Water Gate Valves 04"  Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96
067 068 069 070 071 072 073	PW PVC (DR-18) 04"  PW PVC (DR-18) 08"  Potable Water Gate Valves 04"  Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38
067 068 069 070 071 072 073 074 075	PW PVC (DR-18) 04" PW PVC (DR-18) 08"  Potable Water Gate Valves 04" Potable Water Fittings 04" Potable Water Fittings 08" Potable Water Fittings 08" PW REDUCER Tee Assembly 08" X 04" Fire Hydrant Assembly Potable Water Auto Blow-offs (4" X 2") PW Services Water Single Short PW Services Water Double Short	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96
067 068 069 070 071 072 073 074 075	PW PVC (DR-18) 04"  PW PVC (DR-18) 08"  Potable Water Gate Valves 04"  Potable Water Fittings 04"  Potable Water Fittings 08"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short  PW Services Water Single Long	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH 33.00 EACH 6.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40
067 068 069 070 071 072 073 074 075	PW PVC (DR-18) 04" PW PVC (DR-18) 08"  Potable Water Gate Valves 04" Potable Water Fittings 04" Potable Water Fittings 08" Potable Water Fittings 08" PW REDUCER Tee Assembly 08" X 04" Fire Hydrant Assembly Potable Water Auto Blow-offs (4" X 2") PW Services Water Single Short PW Services Water Single Long PW Services Water Double Long	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96
067 068 069 070 071 072 073 074 075 076	PW PVC (DR-18) 04"  PW PVC (DR-18) 08"  Potable Water Gate Valves 04"  Potable Water Fittings 04"  Potable Water Fittings 08"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short  PW Services Water Single Long	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 4.00 EACH 26.00 EACH 26.00 EACH 26.00 EACH 26.00 EACH 26.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40 \$1,880.36 \$1,555.70	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40
067 068 069 070 071 072 073 074 075 076 077	PW PVC (DR-18) 04" PW PVC (DR-18) 08"  Potable Water Gate Valves 04" Potable Water Gate Valves 08" Potable Water Fittings 04" Potable Water Fittings 08" PW REDUCER Tee Assembly 08" X 04" Fire Hydrant Assembly Potable Water Auto Blow-offs (4" X 2") PW Services Water Single Short PW Services Water Double Short PW Services Water Double Long PW Services Water Double Long PW Lift Station Water Service 1" W/ 3/4" Hose Bibb	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH 33.00 EACH 6.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40 \$1,880.36	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40 \$48,889.36
067 068 069 070 071 072 073 074 075 076 077	PW PVC (DR-18) 04" PW PVC (DR-18) 08"  Potable Water Gate Valves 04" Potable Water Gate Valves 08" Potable Water Fittings 04" Potable Water Fittings 08" PW REDUCER Tee Assembly 08" X 04" Fire Hydrant Assembly Potable Water Auto Blow-offs (4" X 2") PW Services Water Single Short PW Services Water Double Short PW Services Water Double Long PW Services Water Double Long PW Lift Station Water Service 1" W/ 3/4" Hose Bibb Assembly	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 4.00 EACH 26.00 EACH 26.00 EACH 26.00 EACH 26.00 EACH 26.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40 \$1,880.36 \$1,555.70	\$14,944.08 \$140,651.10 \$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40 \$48,889.36 \$3,111.40
066 067 068 069 070 071 072 073 074 075 076 077 078 079 080	PW PVC (DR-18) 04" PW PVC (DR-18) 08"  Potable Water Gate Valves 04" Potable Water Gate Valves 08" Potable Water Fittings 04" Potable Water Fittings 08" PW REDUCER Tee Assembly 08" X 04" Fire Hydrant Assembly Potable Water Auto Blow-offs (4" X 2") PW Services Water Single Short PW Services Water Double Short PW Services Water Double Long PW Lift Station Water Service 1" W/ 3/4" Hose Bibb Assembly Sample Points	877.00 LF 3,390.00 LF 4.00 EACH 4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 33.00 EACH 6.00 EACH 26.00 EACH 26.00 EACH 26.00 EACH	\$17.04 \$41.49 \$1,293.05 \$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40 \$1,880.36 \$1,555.70 \$1,112.19	\$4,928.40 \$48,889.36 \$3,111.40 \$7,785.33

		Total Price for above Water	Items:	\$445,799.40
	Reclaim			
1084	RU PVC (DR-18) - Reuse 06"	3,937.00 LF	\$29.30	\$115,354.10
1085	RU Gate Valves 06"	11.00 EACH	\$1,584.22	\$17,426.42
1086	RU Fittings Bends 06"	1.00 LS	\$20,008.64	\$20,008.64
1087	RU Tee's 06"	2.00 EACH	\$539.11	\$1,078.22
1088	PW End Cap 06"	4.00 EACH	\$395.59	\$1,582.36
1089	RU Services Single Short	12.00 EACH	\$615.93	\$7,391.16
1090	RU Services Double Short	22.00 EACH	\$1,535.82	\$33,788.04
1091	RU Services Single Long	14.00 EACH	\$814.91	\$11,408.74
1092	RU Services Double Long	40.00 EACH	\$1,858.16	\$74,326.40
1093	Poly-Pig Reclaim Mains	3,937.00 LF	\$1.16	\$4,566.92
		Total Price for above Reclaim	Items:	\$286,931.00
	Offsite FM			
1107	FM Connect To Existing Pipe - 12"x4" TS & V	2.00 EACH	\$7,404.84	\$14,809.68
1108	4" FM PVC Pipe	47.00 LF	\$18.64	\$876.08
1	1109 4" FM Fittings	1.00 LS	\$494.60	\$494.60
		Total Price for above Offsite FM	items:	\$16,180.36
	Offsite Water	-		
1109	PW Tap & Valve 10"x08"	2.00 EACH	\$9,054.00	\$18,108.00
1110	PW Directional Bore HDPE 08"	111.00 LF	\$216.96	\$24,082.56
1111	PW PVC (DR-1.8) 08"	61.00 LF	\$41.49	\$2,530.89
1112	Potable Water Gate Valves 08"	2.00 EACH	\$2,278.44	\$4,556.88
1113	Potable Water Fittings 08"	1.00 LS	\$2,807.43	\$2,807.43
1114	Potable Water Testing & Chlorination	172.00 LF	\$6.88	\$1,183.36
1115	Poly-Pig Water Mains	172.00 LF	\$1.16	\$199.52
		Total Price for above Offsite Water	tems:	\$53,468.64
1116	Offsite Reclaim	water _		
1117	RU Tapping Valve 12"x06"	2.00 EACH	\$8,990.69	\$17,981.38
1118	RU PVC (DR-18) - Reuse 06"	76.00 LF	\$29.30	\$2,226.80
1119	RU Gate Valves 06"	2.00 EACH	\$1,584.22	\$3,168.44
1120	RU Fittings Bends 06"	1.00 LS	\$4,862.90	\$4,862.90
1121	Poly-Pig Reclaim Mains	76.00 LF	\$1.16	\$88.16
1121				

**Total Cost** 

**Total Cost at 110%** 

Daniel P. Kovacs, PE Registration No. 84168

This item has been digitally signed and sealed by Daniel P. Kovacs on the date edjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



Daniel Phoniel P Kovacs
DN: CN = Daniel P Kovacs Florida
Date: 2023.09.22 17:25:

Date: 09/22/2023

\$2,532,066.70

\$2,785,273.37

57 -04'00'

### PERFORMANCE BOND Bond No. 41K236939

KNOWN ALL **MEN** BY THESE PRESENTS. that We, Banana Rd Project, LLC, as Principal, and The Ohio Casualty Insurance Company, a corporation organized and doing business under and by virtue of the laws of the State of NH and duly licensed to conduct surety business in the State of Florida, as Surety ("Principal" and "Surety" collectively the "Obligors"), are held and firmly bound unto Polk County, a political subdivision of the State of Florida (the "County"), as Obligee, in the sum of Two Million Seven Hundred Eighty-Five Thousand Two Hundred Seventy-Three & 37/100 (\$2.785,273.37) Dollars, for which payment, well and truly to be made, we bind ourselves, our heirs, executors and successors, jointly and severally as well as severally only for the purpose of allowing a joint action or actions against any or all of us.

WHEREAS, the County's Land Development Code (hereinafter "LDC") is by reference incorporated into and made part of this Performance Bond (hereinafter "Bond"); and

WHEREAS, the Principal has agreed to construct the improvements described in the Engineer's Cost Estimate, attached hereto as Exhibit "A" and incorporated into and made part of this Bond (hereinafter "Improvements"), in the <u>Millstone</u> platted subdivision (the "Subdivision"), in accordance with the drawings, plans, specifications, and other data and information (hereinafter "Plans") filed with the County's Land Development Division, which Plans are by reference incorporated into and made part of this Bond; and

WHEREAS, the LDC requires the Principal to provide and maintain full performance security guaranteeing the completion and approval of all private or public on-site or off-site Improvements.

NOW, THEREFORE, the conditions of this Bond are such that:

- 1. If the Principal shall well and truly construct the Improvements in the Subdivision in accordance with the Plans and LDC by <u>December 31</u>, 2024 (the "Guaranty Period"), as verified by Polk County's Land Development Division, then upon approval by the Obligee this Bond shall be null and void.
- 2. The Surety unconditionally covenants and agrees that if the Principal fails to complete all or any part of the Improvements within the Guaranty Period, the Surety, upon written notice from the Obligee, its authorized agent or officer, of the default, shall forthwith perform and complete the Improvements and pay the cost thereof, including without limitation, engineering, legal, and contingent costs.
- 3. Alternatively, the Obligee may demand up to the full amount of the Bond, such amount determined solely by the Obligee in its reasonable discretion, and the Surety shall pay the Obligee said amount within thirty (30) days of Obligee's written notification, for Obligee to construct, or caused to be constructed the Improvements if the Principal should fail or refuse to do so.

- 4. Should the Surety fail or refuse to perform any of its obligations pursuant to this Bond, the Obligee shall have the right to resort to any and all legal remedies against the Principal and Surety, or either, both at law and in equity including specific performance, to which the Principal and Surety unconditionally agree. In such case, the Obligors agree to pay all costs incurred by the Obligee, including court costs and attorney's fees, and venue shall be in the courts of Polk County, Florida or in the United States District Court, Middle District of Florida, located in Hillsborough County, Florida.
- 5. The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, addition or deletion to the proposed Improvements, or the plans, specifications and schedules covering same, shall in any way affect the Surety's obligation on this Bond, and it does hereby waive notice of any such change, extension of time, alteration, addition or deletion to the proposed Improvements or the plans, specifications and schedules.
- 6. All notices, demands, and correspondence with respect to this Bond shall be in writing and deemed effective on the date of certified mailing addressed to the following, notwithstanding any changes in address:

The Surety at:

The Ohio Casualty Insurance Company 9721 Executive Center Drive, Suite 105 St. Petersburg, FL 33702

The Principal at: Banana Rd Project, LLC 4912 Turnbury Wood Drive, Tampa, FL 33647

The Obligee at:

Polk County, Land Development Division 330 West Church Street PO Box 9005 – Drawer GM03 Bartow, FL 33831-9005

[Signatures appear on the next page]

THIS BOND DATED THE 6th DAY OF February, 2024, (the date of issue by the Surety).

	PRINCIPAL:
Witness Talyhi	Banana Rd Project, LLC Name of Corporation
Carla Tabshe Printed Name	By.
Systematic Witness	Printed Name MGR Title:
Joy Co Wadih Printed Name	(SEAL)
PRINCIPAL	
COUNTY OF Hillsborough	
online notarization, this 6th day of 7	ed before me by means of physical presence or as as (entity name), on behalf of the on
behalf of the Principal, who 🚺 is personally	known to me or 🔲 has produced
as identif	cation.
(AFFIX NOTARY SEAL)	Fally Tomago
	Notary Public
	Print Name Yablo \0 Non20
ny Dr.	My Commission Expires <u>August 2011</u>
PABLO DE JESUS TORANZO	*
* Commission # HH 437388	
Expires August 24, 2027	

**SURETY:** The Ohio Casualty Insurance Compa Name of Corporation Steven Schumacher Printed Name By: David B. Shick Printed Name Title: Attorney-In-Fact & Licensed FL Resident Agent #A241176 **Brandy Baich** (SEAL) Printed Name (ATTACH POWER OF ATTORNEY) STATE OF FLORIDA COUNTY OF HILLSBOROUGH The foregoing instrument was acknowledged before me by means of K physical presence or online notarization, this 6th day of February, 2024, by David B. Shick as Attorney-In-Fact (title of officer) of The Ohio Casualty Insurance Company (entity name), on behalf of the on

(AFFIX NOTARY SEAL)



**Notary Public** 

behalf of the Surety, who is <u>personally known</u> to me or has produced N/A as identification.

Print Name: Danielle Whalen

My Commission Expires: December 18, 2026

# EXHIBIT A

(Engineer's Cost Estimate)



### 5137 S LAKELAND DR, SUITE 3 LAKELAND, FL 33813 FIRM REGISTRATION NUMBER - 34343

## Cost Estimate for Water and Sewer utilities

Project: Millstone

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1050	SS PVC (C-900) 08" 14-16'	57.00 LF	\$61.45	\$3,502.6
1051	'To Lift Stations	2.00 FACIL	AF F60 04	146 706 0
1051	SS Manhole 4' Dia 00-06' (include capsulation)	3.00 EACH	\$5,568.94	\$16,706.8
1052	SS Manhole 4' Dia 06-08' (include capsulation)	5.00 EACH	\$6,122.99	\$30,614.9
1053	SS Manhole 4' Dia 08-10' (include capsulation)	5.00 EACH	\$7,171.25	\$35,856.2!
1054	SS Manhole 4' Dia 10-12' (include capsulation)	7.00 EACH	\$8,292.05	\$58,044.3!
1055	SS King Manhole 5' Dia 08-10' (include capsulation)	1.00 EACH	\$14,808.13	\$14,808.13
1056	SS King Manhole 5' Dia 12-14' (include capsulation)	1.00 EACH	\$17,694.39	\$17,694.39
1057	Sewer Services Single (8"x6")	32.00 EACH	\$1,025.95	\$32,830.40
1058	Sewer Services Double (8"x6")	59.00 EACH	\$1,697.35	\$100,143.65
1059	Liftstation W/ Liner 72" DIA. 22-24' - LS 1	1.00 EACH	\$552,039.19	\$552,039.19
1060	Liftstation W/ Liner 72" DIA. 14-16' - LS 2	1.00 EACH	\$532,903.57	\$532,903.57
1061	FM PVC Pipe 04"	1,856.00 LF	<b>\$18.64</b>	\$34,595.84
1062	FM Fittings 04"	1.00 LS	\$18,345.31	\$18,345.31
1063	Dewater Sewer Gravity Pipe	3,890.00 LF	\$15.94	\$62,006.60
1064	TV Inspection Sewer/Vaccum testing sewer and Manhole	3,890.00 LF	\$5.73	\$22,289.70
1065	Infiltration / Exfiltration Testing	3,890.00 LF	\$2.41	\$9,374.90
		Total Price for above Sewer Ite	ms:	\$1,701,359.54
	Water			
1066	PW PVC (DR-18) 04"	877.00 LF	\$17.04	\$14,944.08
1067	PW PVC (DR-18) 08"	3,390.00 LF	\$41.49	\$140,651.10
1068	Potable Water Gate Valves 04"		7	
1069	rotable trater date varies or	4.00 FACH	\$1 293 05	
	Potable Water Gate Valves 08"	4.00 EACH	\$1,293.05 \$2,278.44	\$5,172.20
	Potable Water Gate Valves 08"	4.00 EACH	\$2,278.44	\$5,172.20 \$9,113.76
1070	Potable Water Fittings 04"	4.00 EACH 1.00 LS	\$2,278.44 \$4,877.80	\$5,172.20 \$9,113.76 \$4,877.80
1070 1071	Potable Water Fittings 04" Potable Water Fittings 08"	4.00 EACH 1.00 LS 1.00 LS	\$2,278.44 \$4,877.80 \$14,222.16	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16
1070 1071 1072	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90
1070 1071 1072 1073	Potable Water Fittings 04" Potable Water Fittings 08" PW REDUCER Tee Assembly 08" X 04" Fire Hydrant Assembly	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00
1070 1071 1072 1073	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00
1070 1071 1072 1073 1074	Potable Water Fittings 04" Potable Water Fittings 08" PW REDUCER Tee Assembly 08" X 04" Fire Hydrant Assembly	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96
1070 1071 1072 1073 1074 1075	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38
1070 1071 1072 1073 1074 1075	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96
1070 1071 1072 1073 1074 1075 1076	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short  PW Services Water Double Short	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH 33.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40
1070 1071 1072 1073 1074 1075 1076 1077	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short  PW Services Water Double Short  PW Services Water Single Long  PW Services Water Double Long  PW Lift Station Water Service 1" W/ 3/4" Hose Bibb	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH 33.00 EACH 6.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40 \$48,889.36
1070 1071 1072 1073 1074 1075 1076 1077 1078	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short  PW Services Water Double Short  PW Services Water Double Long  PW Lift Station Water Service 1" W/ 3/4" Hose Bibb Assembly	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH 33.00 EACH 6.00 EACH 26.00 EACH 26.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40 \$1,880.36 \$1,555.70	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40 \$48,889.36
1070 1071 1072 1073 1074 1075 1076 1077 1078 1079	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short  PW Services Water Double Short  PW Services Water Single Long  PW Services Water Double Long  PW Lift Station Water Service 1" W/ 3/4" Hose Bibb Assembly  Sample Points	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH 33.00 EACH 6.00 EACH 26.00 EACH 26.00 EACH 27.00 LS	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40 \$1,880.36 \$1,555.70 \$1,112.19	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40 \$48,889.36 \$3,111.40 \$7,785.33
1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short  PW Services Water Double Short  PW Services Water Single Long  PW Services Water Double Long  PW Lift Station Water Service 1" W/ 3/4" Hose Bibb Assembly  Sample Points  PW Temporary Jumper	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH 33.00 EACH 6.00 EACH 26.00 EACH 26.00 EACH 2.00 LS 7.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40 \$1,880.36 \$1,555.70 \$1,112.19 \$7,834.89	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40 \$48,889.36 \$3,111.40 \$7,785.33 \$15,669.78
1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short  PW Services Water Double Short  PW Services Water Double Long  PW Services Water Double Long  PW Lift Station Water Service 1" W/ 3/4" Hose Bibb Assembly  Sample Points  PW Temporary Jumper  Potable Water Testing & Chlorination	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH 33.00 EACH 6.00 EACH 26.00 EACH 26.00 EACH 2.00 LS 7.00 EACH 2.00 EACH 4,267.00 LF	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40 \$1,880.36 \$1,555.70 \$1,112.19 \$7,834.89 \$3.57	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40 \$48,889.36 \$3,111.40 \$7,785.33 \$15,669.78 \$15,233.19
1070 1071 1072	Potable Water Fittings 04"  Potable Water Fittings 08"  PW REDUCER Tee Assembly 08" X 04"  Fire Hydrant Assembly  Potable Water Auto Blow-offs (4" X 2")  PW Services Water Single Short  PW Services Water Double Short  PW Services Water Single Long  PW Services Water Double Long  PW Lift Station Water Service 1" W/ 3/4" Hose Bibb Assembly  Sample Points  PW Temporary Jumper	4.00 EACH 1.00 LS 1.00 LS 2.00 EACH 10.00 EACH 4.00 EACH 26.00 EACH 33.00 EACH 6.00 EACH 26.00 EACH 26.00 EACH 2.00 LS 7.00 EACH	\$2,278.44 \$4,877.80 \$14,222.16 \$679.45 \$7,590.40 \$2,928.49 \$627.63 \$1,544.12 \$821.40 \$1,880.36 \$1,555.70 \$1,112.19 \$7,834.89	\$5,172.20 \$9,113.76 \$4,877.80 \$14,222.16 \$1,358.90 \$75,904.00 \$11,713.96 \$16,318.38 \$50,955.96 \$4,928.40 \$48,889.36 \$3,111.40 \$7,785.33 \$15,669.78

	Reclaim	Total Price for above Water Ite	ems:	\$445,799.
1084	RU PVC (DR-18) - Reuse 06"			
1085	RU Gate Valves 06"	3,937.00 LF	\$29.30	\$115,354.
1086	RU Fittings Bends 06"	11.00 EACH	\$1,584.22	\$17,426.
1087	RU Tee's 06"	1.00 LS	\$20,008.64	\$20,008.0
1088	PW End Cap 06"	2.00 EACH	\$539.11	\$1,078.2
1089	RU Services Single Short	4.00 EACH	\$395.59	\$1,582.3
1090	RU Services Double Short	12.00 EACH	\$615.93	\$7,391.1
1091	RU Services Single Long	22.00 EACH	\$1,535.82	\$33,788.0
1092	RU Services Double Long	14.00 EACH	\$814.91	\$11,408.7
1093	Poly-Pig Redaim Mains	40.00 EACH	\$1,858.16	\$74,326.4
1	, s., rig recent rights	3,937.00 LF	\$1.16	\$4,566.9
1	Offsite FM	Total Price for above Reclaim Iter	ns:	\$286,931.0
1107	FM Connect To Existing Pipe - 12"x4" TS & V			
1108	4" FM PVC Pipe	2.00 EACH	\$7,404.84	\$14,809.6
	1109 4" FM Fittings	47.00 LF	\$18.64	\$876.0
1		1.00 LS	\$494.60	\$494.6
	<b>6</b> 65 11	Total Price for above Offsite FM Iten	ns:	\$16,180.30
	Offsite Water			
1109	PW Tap & Valve 10"x08"	2.00 EACH	\$9,054.00	\$18,108.00
1110	PW Directional Bore HDPE 08"	111.00 LF	\$216.96	\$24,082.56
1111	PW PVC (DR-18) 08"	61.00 LF	\$41.49	\$2,530.89
1112	Potable Water Gate Valves 08"	2.00 EACH	\$2,278.44	\$4,556.88
1113	Potable Water Fittings 08"	1.00 LS	\$2,807.43	\$2,807.43
1114	Potable Water Testing & Chlorination	172.00 LF	\$6.88	\$1,183.36
1115	Poly-Pig Water Mains	172.00 LF	\$1.16	\$199.52
		Total Price for above Offsite Item	•	
1116	Offsite Reclaim	Water		<b>\$53,468.64</b>
1117	RU Tapping Valve 12"x06"	200 545		
118	RU PVC (DR-18) - Reuse 06"	2.00 EACH	\$8,990.69	\$17,981.38
119	RU Gate Valves 06"	76.00 LF	\$29.30	\$2,226.80
120	RU Fittings Bends 06"	2.00 EACH	\$1,584.22	\$3,168.44
121	Poly-Pig Redaim Mains	1.00 LS	\$4,862.90	\$4,862.90
		76.00 LF	\$1.16	\$88.16
		Total Price for above Offsite Reclaim Items	es Per	\$28,327.68
		Total Cost		\$2,532,066.70
		Total Cost at 110%		7-,552,000.70

Daniel P. Kovacs, PE Registration No. 84168

This item has been digitally signed and sealed by Daniel P Kovars on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electionic copies.



Daniel PDaniel P Rovacs Kovacs Florida
Date: 2023.09.22 17:25:

DN: CN = Daniel P

57 -04'00'

Date: 09/22/2023



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company The Ohio Casualty Insurance Company West American Insurance Company

Certificate No: 8205203-969456

### **POWER OF ATTORNEY**

state of PENNSYLVANIA County of MontrocMere?  State of PENNSYLVANIA
company, and West American Insurance Company, which resolutions are now in full force and effect reading as follows:  ARTICLE IV - OFFICERS: Section 12, Power of Attorney which resolutions are now in full force and effect reading as follows:  ARTICLE IV - OFFICERS: Section 12, Power of Attorney which resolutions are now in full force and effect reading as follows:  ARTICLE IV - OFFICERS: Section 12, Power of Attorney - Insurance Company, which resolutions are now in full force and effect reading as follows:  ARTICLE IV - OFFICERS: Section 12, Power of Attorney - Insurance Company which resolutions are now in full force and effect reading as follows:  ARTICLE IV - OFFICERS: Section 12, Power of Attorney - Insurance Company which resolutions are now in full force and effect reading as follows:  ARTICLE IV - OFFICERS: Section 12, Power of Attorney - Insurance Company which resolutions are now in full force and effect reading as follows:  ARTICLE IV - OFFICERS: Section 12, Power of Attorney - Insurance Company which resolutions are now in full force and effect reading as follows:  ARTICLE IV - OFFICERS: Section 12, Power of Attorney - Insurance Company which resolutions are now in full force and effect reading as follows:  ARTICLE IV - OFFICERS: Section 12, Power of Attorney - Insurance Company - Insuran
IN WITNESS WHEREOF, his Power of Altomey has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed hereto thissth
The Chio Casualty Insurance Company West American Insurance Company David M. Carey, Assistant Secretary David M. Carey
shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.
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2-difficults of Province The Descriptor of the Company against purposed to the Company authorized Descriptor Consider to consist such attendance in
Sertificate of Designation — The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in- act as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety ibligations.
Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with re same force and effect as though manually affixed.
Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do ereby certify that the original power of attorney of which the foregoing is a full; true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and as not been revoked.
N TESTIMONY WHEREOF, I have hereunto set my hand and antiched the seals of said Companies this 6th day of February 2024
1912 S 1919 S Renee C Llewellyn, Assistant Secretary
MS-12873 LMIC OCIC WAIC Multi Co 02/21